

CLIMATOLOGICAL DATA FOR MAY, 1913.

DISTRICT NO. 1, NORTH ATLANTIC STATES.

Prof. WILFORD M. WILSON, District Editor.

GENERAL SUMMARY.

The weather conditions for the month of May, 1913, conformed very closely to the normal in the North Atlantic States. About the only feature worthy of note was the rather marked warm period covering the 2d to the 5th or 6th, which was followed by a reversion to much cooler with damaging frosts in many parts of the district from the 8th to the 12th. Fruit trees were in full bloom in the southern and central parts of the district at this time and the injury was serious in many localities. The first half of the month was extremely dry, but the soil was well stored with moisture from previous rains, and the period of dry weather was utilized to advance spring work. The following table exhibits the leading features of meteorological interest for the various sections of the district:

States or parts of States within district No. 1.	Temperature.				Precipitation.				Average number of—	
	Average.	Departure.	Highest.	Lowest.	Average.	Departure.	Greatest total.	Least total.		
New England.....	53.2	-1.9	92	18	3.32	-0.27	4.94	1.65	9	13
New York.....	55.3	-1.4	93	17	3.33	-0.47	5.36	1.87	9	15
Pennsylvania.....	58.5	-1.3	83	23	3.74	-0.31	6.45	0.48	9	14
New Jersey.....	60.3	0.0	94	25	3.45	-0.46	4.86	2.53	9	15
Maryland, Delaware, and District of Columbia.....	63.3	+0.1	94	26	4.13	+0.57	7.94	2.18	9	16
West Virginia.....	59.8	-1.0	95	19	5.99	+2.18	7.90	3.98	11	12
Virginia.....	63.6	-0.1	92	27	5.00	+1.05	8.45	3.58	10	7

TEMPERATURE.

The average temperature for the district was 59.1° , which is about 0.8° below the May normal, and ranged from 53.2° in New England to 63.3° in Maryland and Delaware. The northern half of the district was slightly cooler than usual, while the temperature for the southern part was very near the normal. The highest average temperature for individual stations, 66.0° , occurred at Annapolis, Md., and the lowest, 45.8° , at Eastport, Me. The month opened moderately warm for the season but with rapidly rising temperature, which culminated in the only marked warm period of the month from the 2d to the 6th. In New England and New York maximum temperatures of 80° to 85° were general, and at a few places day temperatures of 90° or higher were recorded during this period. In the central and southern parts of the district maximum temperatures of 90° and above were of common occurrence. The highest temperature for the district, 95° , was recorded at Martinsburg, W. Va., on the 3d. The temperature began to fall rapidly during the night of the 7th, and on the morning of the 8th freezing weather was reported at stations in the interior of New England and New York. The cold weather spread gradually southward, freezing temperatures being reported in New Jersey, Maryland, Delaware, and Virginia on the 10th and 12th. The few days of warm weather that preceded this cold period forced fruit into full bloom, particularly in the central and southern parts of the district, so that

the injury from the frosts that occurred was serious in many places. The lowest temperature for the district, 17° , was recorded at Indian Lake and Morehouseville, N. Y., on the 15th and 12th, respectively. These stations are located in the Adirondack Mountains. The weather continued rather cool for the remainder of the month without unusual fluctuations.

PRECIPITATION.

The average precipitation for the district was 4.14 inches, which is about 0.33 inch above the May normal. The number of stations reporting precipitation in excess of the normal was 96, while those reporting a deficiency was 129. Only 1 station reported a monthly total of less than 1 inch, while at 12 stations the rainfall for the month amounted to 6 inches or more. There was a slight deficiency in New England, New York, New Jersey, and Pennsylvania and an excess for the remainder of the district, the greatest being 2.18 inches in West Virginia. Practically all the rainfall for the month occurred during the last two weeks. Previous to the 15th the weather was remarkably fair and pleasant, with only light local showers at widely scattered stations. From the 15th to the 19th general though not excessive rains occurred in all parts of the district except the northern part of New England. Only a few stations reported rain on the 20th, but on the 21st rain began in the southern part of the district, spreading north to New England by the 22d. For the remainder of the month rains occurred at short intervals in all parts of the district. Excessive precipitation (2.50 inches or more in 24 hours) occurred as follows: Culpeper, Va., 4.00 inches, 22d-23d; Quantico, Va., 4.97, 23d-24th; Milford, Del., 3.04, 24th; Hyndman, Pa., 2.95, 27th.

RIVER CONDITIONS.

There were no unusual facts connected with the stream flow during the month. In the navigable rivers good boating stages prevailed at all times, notwithstanding the long period of nearly rainless weather that marked the first half of the month. The rivers were highest either about the first of the month, owing to the heavy rains that occurred during the last decade of April, or near the end of the month, as a result of the general rains that came the last of May.

SUNSHINE.

Sunshine records from 14 representative stations gave an average of 253 hours for the month, which is 57 per cent of the possible, about the same as in May last year. The distribution of clear weather over the district showed considerable variation. The extremes in the percentage of possible sunshine recorded were 69, at Atlantic City, N. J., and 45 at Binghamton, N. Y. At the latter place there were but 4 clear days, while at other stations in the same State the records gave 15 clear days. For the entire district the number of days with 0.01 inch or more of precipitation averaged 9; the clear days, 13; the partly cloudy days, 9; and the cloudy days, 9.

TABLE 1.—Climatological data for May, 1913. District No. 1, North Atlantic States.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Maine.</i>																				
Bar Harbor.....	Hancock.....	20	27	47.6	- 4.4	73	3	26	15†	36	3.56	+ 0.06	1.25	T.	10	12	6	13	se.	William Miller.
Cornish.....	York.....	778	58	53.0	- 1.6	87	3†	26	15	46	4.21	+ 0.75	1.02	T.	11	11	10	10	ne.	T. H. West.
Eastport.....	Washington.....	53	41	45.8	- 1.1	70	3	30	15	28	4.02	+ 0.22	1.92	0.1	13	8	12	11	s.	U. S. Weather Bureau.
Fairfield.....	Somerset.....	90	28	51.9	- 2.2	82	3	35	16	40	2.53	- 0.41	1.04		8	15	0	16		E. F. Parker.
Farmington.....	Franklin.....	450	16																	State Normal School.
Gardiner.....	Kennebec.....	163	21	50.8	- 4.5	85	3	37	15	45	3.51	- 0.12	1.03	T.	13	15	3	13	sw.	Samuel D. Soule.
Greenville.....	Piscataquis.....	1,140	9	47.6	- 6.6	83	6	28	10	43	3.01	- 0.41	0.89	T.	12	5	9	18	ne.	U. S. Weather Bureau.
Houlton.....	Aroostook.....	362	11	49.8	- 3.6	85	6	26	16	45	1.83	- 0.37	0.52		9	17	3	11	nw.	Union Water Power Co.
Lewiston.....	Androscoggin.....	183	39	51.0	- 3.6	82	3	34	1†	39	4.22	+ 0.78	1.35		10	10	12	9	nw.	William Jardine.
Madison.....	Somerset.....	257	10	49.7	- 3.6	83	4	26	15	43	4.29	+ 0.21	1.56	T.	12	14	3	14	nw.	F. C. Bowler.
Millinocket.....	Penobscot.....	386	10	50.8	- 2.2	86	6	21	2	53	2.87	- 0.29	0.89	T.	10	7	5	9	nw.	G. E. Chadbourne.
North Bridgton.....	Cumberland.....	450	20	52.6	- 2.3	90	3	32	13	48	4.71	+ 1.10	1.13		8	8	10	10	nw.	Department of Physics.
Orono.....	Penobscot.....	129	44	50.8	- 1.9	79	7	26	16	39	3.15	- 0.23	0.95	T.	4	12d	5d	10d	sw.	Bangor & Aroostook R. R.
Patten.....	do.....	550	11	49.24	- 3.5	86	6	18d	15	48d	3.64	- 0.24	1.00		10	11	7	13	nw.	U. S. Weather Bureau.
Portland.....	Cumberland.....	99	42	50.0	- 3.5	72	31	37	17	23	2.92	- 0.75	0.78		10	11	5	11	nw.	W. T. Faulkner.
Presque Isle.....	Aroostook.....	4	48.64	87d	6†	22d	16	41d	15	53	3.53	- 0.20	1.02	T.	8	15	5	11	nw.	Charles A. Mixer.
Rumford Falls.....	Oxford.....	505	20	51.6	- 2.1	86	3	31	15	28	3.68	+ 0.19	1.14	0.5	10	19	6	11	n.	J. M. Thomas.
Van Buren.....	Aroostook.....	510	8	47.3	- 1.0	82	6	25	13†	43	3.86	- 0.24	0.94	T.	9	18	3	10	w.	Hollingsworth & Whitney Co
Winslow.....	Kennebec.....	90	18	52.6	- 1.0	82	6	27	15	41	3.45	- 0.20	1.87							
<i>New Hampshire.</i>																				
Alstead Center.....	Cheshire.....	1,120	9	52.3	- 4.1	82	2†	28	11	47	3.76	- 0.25	0.75	T.	13	12	9	10	nw.	Frank Dewing.
Benton.....	Grafton.....	4	49.4	83	5†	27	11	54	3.73	- 0.25	0.95	- 0.05	T.	12	13	7	11	nw.	State Sanatorium.	
Bethlehem.....	do.....	1,470	21	49.9	- 4.1	83	6	24	15	38	4.13	+ 1.07	1.05	T.	11	10	10	11	w.	Benjamin Tucker.
Concord.....	Merrimack.....	350	53	52.2	- 2.5	88	3	29	12	49	3.17	- 0.07	1.46	T.	11	11	10	10	nw.	U. S. Weather Bureau.
Durham.....	Stafford.....	88	18	51.2	- 3.6	78	3†	30	15	39	4.17	+ 1.50	1.11		8	16	3	12	nw.	Agricultural Exp. Station.
Franklin.....	Merrimack.....	440	14	53.6	- 2.7	89	3	27	12	51	4.28	+ 1.42	1.15		10	14	9	8	nw.	Dr. C. P. Webster.
Grafton.....	Grafton.....	863	27	50.6	- 2.7	87	6	20	12	50	3.52	- 0.08	0.98	0	10	15	6	10	nw.	P. R. Kimball.
Hanover.....	do.....	603	79	53.0	- 2.4	88	3	26	15	49	4.54	+ 1.81	1.44	T.	13	7	12	12	nw.	Dartmouth College.
Keene.....	Cheshire.....	506	28	53.8	- 2.5	90	3	23	12	50	4.10	+ 0.72	1.31		11	14	7	10	nw.	Samuel Wadsworth.
Nashua.....	Hillsboro.....	125	28	55.0	- 2.2	88	6	31	12	43	3.69	+ 0.28	1.44	0	7	11	14	6	se.	Jackson Co.
Newton.....	Rockingham.....	25	25	50.6	- 4.6	78	6	26	15	39	3.27	- 0.36	1.13		10	17	2	12	nw.	W. C. Gale.
Plymouth.....	Grafton.....	500	25	52.4	- 1.2	87	6	25	12	49	3.73	+ 0.37	1.00	T.	7	11	14	6	nw.	Hattie G. Trow.
<i>Vermont.</i>																				
Bloomfield.....	Essex.....	6	49.9	- 3.7	88	6	19	15	54	3.13	- 0.25	1.00		15	11	8	12	s.	Lyman Falls Power Co.	
Cavendish.....	Windsor.....	910	10	52.64	91†	35	25	15	48	4.03	- 0.25	0.90		11	15*	5	11	w.	E. D. Kingsbury.	
Chelsea.....	Orange.....	840	18	50.0	- 2.6	85	3†	21	12†	48	2.81	+ 0.17	0.67		10	12	6	10	n.	W. F. Dewey.
Manchester.....	Bennington.....	980	14	53.3	- 3.6	84	3	30	12	38	3.15	- 0.25	0.73	T.	7	12	10	9	sw.	N. M. Canfield.
Somerset.....	Windham.....	2,096	1	49.4	- 3.7	85	3†	20	12	48	4.83	- 0.25	0.98	T.	14	10	4	17	n.	J. Albert Holmes.
St. Johnsbury.....	Caledonia.....	711	20	52.5	- 2.6	88	6	22	15	48	3.36	+ 0.62	0.94		10	9	10	12	nw.	Fairbanks Museum.
Woodstock.....	Windsor.....	700	21	52.8	- 2.1	85	3†	27	15	44	4.30	+ 1.09	1.58	0	6	11	7	13		John S. Eaton.
<i>Massachusetts.</i>																				
Amherst.....	Hampshire.....	222	24	55.4	- 1.6	89	3	30	11	44	4.94	+ 1.11	1.45	0	13	11	9	11	nw.	Agricultural Exp. Station.
Blue Hill.....	Norfolk.....	640	29	53.0	- 2.5	80	3	31	11	34	2.85	- 0.92	0.84		10	10	7	14	nw.	Blue Hill Observatory.
Boston.....	Suffolk.....	124	43	55.2	- 1.4	78	5	27	11	30	3.22	- 0.29	1.32	0	8	10	12	9	nw.	U. S. Weather Bureau.
Chestnut Hill.....	do.....	124	33	55.7	- 2.2	83	6	30	11	38	3.46	- 0.10	1.27		9	25	1	6		Metropolitan Water Board.
Clinton.....	Worcester.....	370	17	55.0	- 3.7	86	3	34	10†	36	4.00	- 0.25	2.10		9	21	1	9		Do.
Concord.....	Middlesex.....	139	23	53.5	- 3.6	85	6	31	15	39	3.87	- 0.25	1.89	0	8	6	12	13	n.	Fred A. Tower.
Fall River.....	Bristol.....	200	47	55.1	- 1.7	83	3	33	13	30	2.01	- 2.22	0.69		8	20	5	12	n.	C. V. S. Remington.
Fitchburg.....	Worcester.....	550	30	55.3	- 2.0	89	3	31	15	41	3.28	- 0.18	1.12	0	7	14	5	12	n.	Dr. A. P. Mason.
Framingham.....	Middlesex.....	160	33	56.5	- 1.6	84	3†	35	11	39	3.79	+ 0.40	1.26	0	7	10	3	12	n.	Metropolitan Water Board.
Hyannis **.....	Barnstable.....	31	22	52.9	- 3.9	73	30†	35	11	23	2.12	- 1.50	1.15	0	7	21	5	5	n.	C. F. Sleeper.
Lawrence.....	Essex.....	51	29	54.4	- 3.7	85	6	35	11	36	4.21	+ 0.50	1.14	0	7	10	14	7	s.	Essex Co.
Lowell.....	Middlesex.....	100	28	56.4	- 1.1	84	3	36	11†	40	3.49	- 0.21	1.16	0	9	21	1	11		Props. Locks & Canals.
Middleboro.....	Plymouth.....	53	27	53.4	- 1.9	82	3	31	11†	41	1.68	- 2.32	0.68	0	9	6	13	12	n.	A. R. Gurney.
Nantucket.....	Nantucket.....	27	27	52.8	- 0.2	74	31	29	11	24	1.71	- 0.96	0.87	0	7	11	1	11	se.	U. S. Weather Bureau.
New Bedford.....	Bristol.....	88	101	54.7	- 3.6	76	3	33	11	27	1.62	- 0.80	0.80	0	7	19	1	11	se.	City Engineer.
Norfolk.....	Norfolk.....	244	10	54.4	- 3.7	83	3	28	11†	39	2.76	- 1.26	1.26	0	5	10	3	18	e.	Ruby H. Martyn.
Plymouth.....	Plymouth.....	28	51.6	74	7	32	11	27	2.37	0	0	0	0	8	15	6	10	e.	Laura B. Knapp.	
Provincetown.....	Barnstable.....	40	26	52.5	- 1.8	73	31	37	11	23	2.06	- 1.24	0.66	0	9	20	0	11	ne.	Gideon Bowley.
Rockport.....	Essex.....	25	11	50.5	- 3.7	67	7†	38	11	20	2.98	- 1.18	1.18	0	7	12	8	11	nw.	C. F. P. Bearse.
Rutland.....	Worcester.....	1,160	11	52.9	- 4.1	87	4	29	11	42	3.93	- 0.91	1.41	0	10	14	11	6	ne.	State Sanatorium.
Turners Falls.....	Franklin.....	200	22	55.8	- 1.8	87	2†	33	11†	40	3.77	+ 0.91	1.43	0	7	12	6	13	.....	Turners Falls Co.
Westboro.....	Worcester.....	298	39	58.6	0	88	3†	32	11	40	4.46	+ 1.20	2.00	0	9	12	8	11	nw.	G. S. Newcomb.
Williamstown.....	Berkshire.....</																			

TABLE 1.—Climatological data for May, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>New York.</i>																				
Addison.....	Steuben.....	1,000	23	56.4	-0.9	91	3†	25	11	50	3.78	-0.15	1.31	0	11	21	4	6	sw.	
Albany.....	Albany.....	97	92	48.2	-1.5	89	3	34	11	35	3.29	+0.31	1.31	0	12	14	8	9	nw.	
Alfred.....	Allegany.....	1,976	18	52.6	-2.1	86	4	25	8	40	1.87	-2.46	0.46	T.	9	6	19	1	w.	
Amsterdam.....	Montgomery.....	277	9	54.9	-2.5	85	3†	28	11	34	3.20	-0.00	1.12	0	10	12	9	10	nw.	
Athens.....	Greene.....	90	11	57.2	-2.5	90	3	32	11†	35	2.71	-0.37	1.05	0	9	35	3	13	w.	
Ballston Lake.....	Saratoga.....	400	9	54.4	+0.1	87	3	28	11	36	3.66	-0.37	1.80	0	11	14	9	8	.....
Bedford.....	Westchester.....	450	22	59.0	-2.4	84	3	33	11†	35	3.99	-0.37	1.31	0	13	17	5	9	w.	
Beerston.....	Delaware.....	1,214	1	.....	.....	87	4	20	12	47	3.60	-0.05	1.10	0	12	4	11	16	nw.
Binghamton.....	Broome.....	875	22	54.6	-2.4	84	3	30	11	39	3.14	+0.05	1.07	T.	8	9	9	13	nw.	
Buckville.....	Madison.....	1,350	16	53.1	-1.1	85	4	25	11	37	2.91	-0.41	1.31	0	12	21	4	6	.....
Boyd's Corners.....	Putnam.....	560	31	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carmel.....	..... do	500	21	56.8	-1.9	87	3	31	11†	36	3.05	-1.32	1.77	0	7	18	3	10	nw.
Chatham.....	Columbia.....	470	12	56.0	-1.6	86	3	28	12	36	3.37	+0.23	0.92	0	11	15	7	9	n.	
Cooperstown.....	Otsego.....	1,250	59	52.1	-2.5	85	4	25	12	40	4.11	+0.47	1.16	0	11	21	4	6	s.	
Corinth.....	Saratoga.....	542	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cortland.....	Cortland.....	1,129	51	55.4	+1.1	89	4	30	11†	41	3.58	-0.42	0.89	0	1	19	5	7	nw.	
Cutchogue.....	Suffolk.....	32	14	56.5	-0.8	86	3	36	11	38	2.07	-1.34	0.87	0	7	15	13	3	nw.	
DeRuyter.....	Madison.....	1,300	10	51.6	-3.1	86	4	24	12	40	3.29	-0.06	1.06	0	8	19	2	10	nw.	
Elmira.....	Chemung.....	863	30	56.5	-2.1	89	4	31	11†	40	2.38	-0.61	1.00	T.	7	13	7	11	sw.	
Glen Falls.....	Glens Falls.....	340	22	55.8	-2.2	90	3	31	12	45	2.96	-0.11	0.78	0	8	11	4	16	n.	
Gloversville.....	Fulton.....	850	21	53.8	-1.8	87	4	28	11	38	3.92	-0.08	1.60	0	9	14	11	6	nw.	
Greenfield Center.....	Saratoga.....	314	15	54.4	-2.2	87	2	27	11	42	3.07	+0.09	1.00	0	8	17	7	7	nw.	
Greenwich.....	Washington.....	425	16	57.7	+1.0	93	2†	25	11	46	3.57	+0.26	0.88	0	8	15	9	7	n.	
Haskinsville.....	Steuben.....	18	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hoosick Falls.....	Rensselaer.....	410	11	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Indian Lake.....	Hamilton.....	1,705	14	50.8	-1.6	86	5	17	15	50	3.05	-0.17	1.05	0	8	15	5	11	n.	
Jeffersonville.....	Sullivan.....	1,240	10	54.8	-0.8	89	3	23	12	48	3.70	-0.27	1.27	0	9	18	6	7	w.	
Liberty.....	..... do	2,300	31	54.6	+0.6	82	3	25	10	42	3.32	-0.70	1.70	T.	10	21	3	7	nw.
Little Falls.....	Herkimer.....	924	15	54.1	-1.4	90	4	32	8†	36	3.77	+0.36	1.26	T.	9	19	4	8	w.	
Mohonk Lake.....	Ulster.....	1,245	17	57.0	+0.2	87	3	31	11	34	3.49	-0.28	0.97	0	7	16	8	7	nw.	
Morehouseville.....	Hamilton.....	1,697	5	48.6	-0.8	84	4	17	12	43	5.36	-0.55	1.55	0	9	22	4	5	w.	
Morrisville.....	Madison.....	1,325	1	53.6	-0.8	87	4	27	15	39	3.05	-0.37	1.10	0	6	15	3	13	nw.	
Mount McGregor.....	Saratoga.....	1,060	1	.....	.....	87	9	34	7	29	.....	.....	.....	0	8	11	12	.....	.....
Mount Hope.....	Westchester.....	200	16	60.0	+1.3	90	3	34	11	37	2.85	-1.65	1.12	0	6	13	10	8	.....
New Berlin.....	Tioga.....	925	26	.....	.....	.....	.....	.....	.....	.....	3.97	+0.31	1.18	0	8	13	10	8	.....
New Lisbon.....	Chenango.....	1,090	6	.....	.....	.....	.....	.....	.....	.....	3.73	-0.67	0.79	0	11	12	12	12	nw.
New York City.....	Otsego.....	1,284	23	50.7	-2.1	87	4	18	12	45	4.26	+0.34	1.31	T.	9	9	11	7	nw.	
North Creek.....	New York.....	314	88	60.2	+0.9	88	3	36	11	30	2.51	-0.67	1.31	0	6	18	5	8	nw.	
Northville.....	Warren.....	1,002	5	52.2	.....	86	2†	28	15	40	2.14	.....	.....	0	7	18	5	8	nw.
Oneonta.....	Fulton.....	742	11	.....	.....	.....	.....	.....	.....	.....	3.49	.....	1.98	0	4	11	12	12	.....
Oxford.....	Otsego.....	1,112	19	55.8	-1.4	91	4	25	12	42	3.78	+0.52	1.71	T.	7	15	7	9	nw.	
Oyster Bay.....	Chenango.....	916	48	54.2	-1.3	86	4	25	12	40	3.75	-0.20	1.71	0	9	11	13	7	w.	
Port Jervis.....	Nassau.....	40	9	87	3†	36	10	31	11	40	3.03	-1.28	1.53	0	19	4	8	nw.
Roslyn.....	Orange.....	470	29	58.4	-0.8	91	3	29	11	40	3.20	-0.55	0.84	0	15	18	2	11	nw.	
Salsbury.....	Nasseau.....	215	1	58.0	-0.8	90	3	34	11	35	2.94	-0.54	0.84	0	7	18	3	10	sw.	
Scarsdale.....	Westchester.....	1,526	16	49.7	-4.2	85	4	20	10†	41	5.22	+0.80	1.51	0	9	9	8	5	w.	
Setauket.....	Suffolk.....	200	9	59.3	-0.8	88	2	33	11	28	2.72	-0.90	0.90	0	9	17	6	8	nw.	
Sherburne.....	Chenango.....	6	.....	57.7	+0.2	83	3	37	11	33	2.52	-1.12	1.05	0	7	18	3	10	w.
Southampton.....	Suffolk.....	36	12	56.6	+0.9	86	3	37	11	38	2.90	-0.55	0.54	0	9	15	10	6	nw.	
Southeast Reservoir.....	Putnam.....	310	18	.....	.....	.....	.....	.....	.....	.....	3.69	-0.90	1.00	0	7	20	5	6	sw.
South Edmeston.....	Otsego.....	1,300	1	52.8	.....	87	4	22	12	43	3.27	.....	1.40	T.	9	17	7	7	nw.
Spier Falls.....	Saratoga.....	400	12	55.2	-2.4	90	2	28	14	40	3.08	-0.42	1.03	0	7	11	12	8	w.	
Trenton Falls.....	Oneida.....	751	10	.....	.....	.....	.....	.....	.....	.....	4.07	.....	1.15	0	9	9	9	9	.....
Tribeshill.....	Montgomery.....	268	10	.....	.....	.....	.....	.....	.....	.....	4.30	.....	0	7	12	3	12	.....	.....
Troy.....	Rensselaer.....	0	.....	.....	.....	.....	.....	.....	.....	.....	3.70	+0.04	1.20	0	7	16	3	12	.....
Utica.....	Oneida.....	537	47	55.8	-1.4	91	4	25	12	42	3.78	+0.52	1.71	0	9	17	7	7	nw.	
Wading River.....	Suffolk.....	112	7	57.8	-2.7	89	3	33	20	43	2.78	-1.42	0.68	0	11	16	9	6	sw.	
Wappingers Falls.....	Dutchess.....	110	23	57.3	-2.7	85	3	32	22	36	3.41	-1.42	0.68	0	11	16	9	6	sw.	
Warwick.....	Orange.....	538	19	.....	.....	89	3	33	20	43	2.78	-0.91	1.63	0	7	19	4	8	nw.
Waverly.....	Tioga.....	824	31	55.8	-1.8	91	4	24	12	49	3.91	+0.55	1.13	0	15	6	17	8	nw.	
West Berne.....	Albany.....	946	14	54.2	-2.2	87	3	26	12†	44	3.20	+0.21	0.98	0	7	8	9	14	w.	
West Point.....	Orange.....	167	63	61.0	-1.1	92	4	35	11	34	4.11	-0.41	1.23	0	10	11	10	10	ne.	
Windham.....	Greene.....	1,520	13	53.5	+0.2	84	4†	26	12	40	2.63	-0.67	1.03	0	5	12	11	8	nw.	
<i>Pennsylvania.</i>																				
Altoona.....	Blair.....	1,181	25	57.8	-1.4	88	4	30	11	42	5.64	+1.46	2.91	0	14	12	11	8	w.	
Bethlehem.....	Northampton.....	260	12	61.1	-2.2	90	3	34	11†	35	3.33	-0.60	1.97	0	3	14	11	6	w.	
Driftont.....	Luzerne.....	1,633	15	54.2	-1.8	86	3†	28	12	36	3.25	-1.48	0.75	0	7	20	3	8	w.	
Emporium.....	Cameron.....	1,050	26	56.0	-3.2	87	4†	23	12	50	4.10	-0.23	1.03	0	8	14	9	8	w.	
Ephrata.....	Lancaster.....	384	13	59.0	-1.7	87	3†	23	11	37	3.									

TABLE 1.—Climatological data for May, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Pennsylvania—Contd.</i>																				
Selinsgrove.....	Snyder.....	455	25	60.2	- 1.2	90	3	27	12	54	3.36	- 1.10	1.12	0	9	0	21	10	se. w.	J. M. Boyer, C. E.
State College.....	Center.....	1,191	25	58.7	- 2.9	87	4	32	11 [†]	34	4.23	0.00	1.08	0	12	10	9	11	nw.	Prof. Wm. Frear.
Towanda.....	Bradford.....	754	18	55.6	- 2.7	88	4	28	11	43	2.09	- 1.02	1.12	0	10	11	9	11	nw.	Hiram E. Bull, C. E.
Wellsboro.....	Tioga.....	1,327	36	55.7	- 1.3	89	4	95	12	48	3.56	- 0.77	0.98	0	10	16	11	4	nw.	O. L. White.
West Chester.....	Chester.....	455	59	61.6	+ 1.1	90	4	35	11	33	5.87	+ 1.29	1.65	0	16	14	11	10	nw.	J. C. Green, D. D. S.
Williamsport.....	Lycoming.....	530	23	58.1	- 2.5	88	3	33	12	40	3.54	+ 0.82	0.69	0	11	17	4	10	nw.	Henry H. Guise.
<i>New Jersey.</i>																				
Asbury Park.....	Monmouth.....	22	25	59.4	+ 0.7	87	3	32	11	33	3.49	- 0.22	1.80	0	11	7	15	9	nw.	H. E. Denegar.
Atlantic City.....	Atlantic.....	16	40	60.4	+ 2.9	89	3	34	11	31	3.52	+ 0.52	1.84	0	9	12	9	10	nw.	U. S. Weather Bureau.
Bayonne.....	Hudson.....	50	23	60.5	+ 3.0	92	3	35	11	32	3.00	- 0.00	1.50	0	10	15	6	12	nw.	Erskine R. Eadie.
Belvidere.....	Warren.....	289	23	59.8	- 0.9	93	3	30	12	45	3.20	- 0.69	1.65	0	6	22	0	9	....	Samuel J. Hixson.
Bergen Point.....	Hudson.....	37	16	60.6	+ 0.9	89	3	35	11	32	3.39	- 0.59	1.41	0	8	11	12	8	nw.	Wm. H. Mitchell, D. D. S.
Boonton [1].....	Morris.....	230	23	61.8	- 2.1	91	3 [†]	33	11 [†]	40	3.69	- 0.24	1.5	0	9	15	8	8	e.	Joseph White.
Bridgeton.....	Cumberland.....	30	23	61.8	- 2.1	91	3 [†]	33	11 [†]	40	3.69	- 0.36	1.60	0	10	19	7	5	nw.	Henry A. Jordan.
Burlington.....	Burlington.....	12	27	61.0	- 0.5	90	7	31	11	37	3.87	- 0.35	1.26	0	11	13	13	5	nw.	D. S. B. McCoy.
Cape May City.....	Cape May.....	17	35	58.1	- 0.5	87	3	41	11	32	3.34	+ 0.35	1.26	0	5	19	8	4	nw.	U. S. Weather Bureau.
Charlotteburg.....	Passaic.....	719	21	57.8	+ 0.5	87	3 [†]	32	11 [†]	38	3.07	- 1.73	1.83	0	10	18	0	13	nw.	George S. Briggs.
Chatham [1].....	Morris.....	234	11	60.5	- 0.5	90	3	31	12	38	4.00	+ 0.46	2.00	0	7	21	5	5	nw.	M. A. Butler.
Clayton.....	Gloucester.....	126	20	61.1	- 0.8	89	4	33	11 [†]	36	4.38	- 1.12	1.17	0	7	21	5	5	nw.	William T. Farley.
Culvers Lake.....	Sussex.....	848	12	60.4	- 0.5	90	3 [†]	31	11	37	3.30	- 0.20	1.39	0	9	21	3	7	nw.	Brice E. Riker.
Dover.....	Morris.....	600	29	57.7	- 0.9	90	3 [†]	31	11	37	3.17	- 0.97	1.60	0	8	6	14	11	....	William C. Harris.
Elizabeth.....	Union.....	45	34	60.4	- 1.8	91	3 [†]	31	11	38	3.11	- 0.81	1.72	0	11	16	7	8	nw.	L. B. Bonnett.
Flemington.....	Haddonfield.....	140	25	60.8	+ 0.9	92	3	34	12	37	2.94	- 1.35	1.10	0	10	18	3	10	nw.	Hiram E. Deats.
Hightstown.....	Camden.....	75	26	61.3	- 0.4	88	3	35	11	36	4.42	+ 0.51	1.25	0	11	15	8	8	nw.	Charles F. Richardson.
Hightwood.....	Mercer.....	119	21	60.5	- 0.6	90	3 [†]	31	12	38	3.20	- 0.60	1.60	0	7	17	4	10	e.	Frank V. Jemison.
Imlaystown.....	Bergen.....	90	26	57.8	- 1.9	90	3	30	11 [†]	40	2.75	- 1.09	1.37	0	9	15	4	12	nw.	Charles J. Bates.
Monmouth.....	Monmouth.....	107	25	60.4	- 1.8	90	3 [†]	28	11 [†]	37	3.23	- 0.66	0.95	0	12	10	9	9	nw.	H. E. Bullock.
Indian Mills.....	Burlington.....	76	24	64.0	+ 2.0	94	6	30	11	40	4.80	+ 0.76	1.40	0	11	15	10	6	nw.	James Armstrong.
Jersey City.....	Hudson.....	10	15	62.0	+ 0.9	93	3	35	11	33	3.13	- 0.05	1.85	0	8	12	9	10	nw.	Samuel K. Pearson, jr.
Lakewood.....	Ocean.....	54	17	60.4	+ 0.2	89	3	34	10 [†]	32	3.48	- 0.61	1.05	0	7	1	25	5	nw.	Ralph Robertson.
Layton.....	Sussex.....	550	14	56.1	- 1.8	88	3	25	12	46	3.21	- 0.12	1.50	0	5	21	3	10	nw.	Warren C. Hursh.
Little Falls.....	Passaic.....	175	11	60.4	- 1.8	90	3 [†]	31	12	38	3.17	- 0.59	1.50	0	9	14	2	15	w.	A. Sweetman.
Long Branch.....	Monmouth.....	30	6	58.0	- 0.5	88	3	30	11	37	4.19	- 1.57	0	12	15	8	8	nw.	Wm. D. Martin, jr.	
Mahwah [1].....	Bergen.....	312	11	60.4	- 1.8	90	3 [†]	31	11	37	3.51	- 1.13	1.65	0	7	18	13	13	nw.	Charles L. Barker.
Moorestown.....	Burlington.....	75	51	61.2	+ 0.1	90	6	34	11	35	4.86	+ 0.83	2.13	0	9	17	8	6	nw.	George L. Gillingham.
Newark.....	Essex.....	159	70	63.1	+ 2.3	93	3	35	11	33	3.63	- 0.41	2.22	0	10	16	6	10	nw.	Prof. William Wiener.
New Brunswick.....	Middlesex.....	100	60	59.6	- 1.0	91	4	31	11	33	3.39	- 0.52	1.67	0	11	16	5	10	nw.	Prof. Jacob G. Lipman.
Newton.....	Sussex.....	678	34	59.3	0.0	90	3	31	12	38	3.54	- 0.60	1.60	0	9	15	4	12	nw.	F. Vernon Lossee.
Northfield.....	Atlantic.....	25	6	60.5	- 1.8	90	3 [†]	31	11	37	4.01	- 2.25	0	9	18	2	10	....	William L. Flick.	
Paterson.....	Passaic.....	80	42	62.8	+ 1.5	93	2 [†]	34	11	37	2.53	- 1.96	1.29	0	8	10	13	8	nw.	Heber A. Probert.
Phillipsburg.....	Warren.....	363	23	60.6	- 0.7	91	3	33	12	38	2.74	- 1.31	1.61	0	7	20	2	9	e.	D. W. Smith.
Plainfield.....	Union.....	100	27	60.1	- 0.2	91	3	33	11	40	2.85	- 0.98	1.31	0	11	13	8	10	nw.	John Neagle.
Pleasantville.....	Atlantic.....	26	15	60.5	- 0.5	90	3 [†]	33	11	40	4.19	+ 0.83	2.35	0	8	23	5	3	....	Lincoln Van Gilder.
Pompton Plains [1].....	Morris.....	195	11	60.0	- 0.5	91	3 [†]	33	11	37	2.66	- 1.70	1.49	0	8	19	2	10	n.	M. S. Taylor.
Somerville.....	Somerset.....	60	30	61.0	- 0.1	91	3	33	11	39	3.36	- 0.76	1.97	0	8	18	7	6	nw.	A. A. Macdonald.
South Orange.....	Essex.....	200	43	59.8	- 0.2	87	3	33	12	38	3.18	- 0.28	1.40	0	7	8	1	22	w.	Dr. Wm. J. Chandler.
Sussex.....	Sussex.....	442	23	58.6	- 1.3	88	3 [†]	32	11 [†]	37	2.88	- 1.03	1.50	0	5	17	5	9	nw.	George Dymock.
Trenton.....	Mercer.....	63	42	60.8	- 1.6	90	3	34	11	31	3.00	- 1.06	1.51	0	5	15	6	10	nw.	U. S. Weather Bureau.
Tuckerton.....	Ocean.....	23	20	61.0	+ 1.3	89	3	29	11	38	3.21	- 0.22	1.65	0	8	19	6	6	nw.	Frank R. Austin.
Vineland.....	Cumberland.....	118	44	62.0	- 0.2	92	4	31	11	37	4.31	- 0.54	2.26	0	9	16	12	3	nw.	Alfred Chalmers.
Woodbine.....	Cape May.....	43	22	61.2	+ 0.8	89	3 [†]	30	11	35	4.30	+ 0.40	2.30	0	12	12	0	12	....	Prof. R. D. Maitby.
<i>West Virginia.</i>																				
Bayard.....	Grant.....	2,500	11	55.8 ^b	- 1.7	86	5	19	12	53 ^b	7.90	+ 3.83	1.86	0	12	10 ^b	5 ^b	14 ^b	w.	Solomon Clark.
Burlington.....	Mineral.....	875	19	60.0	- 1.8	90	5	28	12	50	7.08	+ 3.25	1.45	0	9	12	13	6	w.	J. W. Vandiver.
Franklin.....	Pendleton.....	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	....	Fred Calhoun.
Lost City.....	Hardy.....	7	58.5	—	—	80	5	30	12	36	6.03	—	1.27	0	11	13	12	6	sw.	B. D. Hinegardner.
Martinsburg.....	Berkeley.....	435	21	63.5	+ 0.2	95	3 [†]	33	12	51	3.98	+ 0.20	—	0	10	16	9	6	s.	G. W. VanMetre, C. E.
Moorefield.....	Hardy.....	900	18	60.6	- 0.5	90	3	38	11	39	3.53	- 0.30	1.32	0	11	16	16	10	....	John C. Fisher.
Romney.....	Hampshire.....	824	17	60.5	- 0.9	89	4	25	11	37	4.53	+ 0.91	1.62	0	11	9	15	7	e.	E. F. Staub.
Upper Tract.....	Pendleton.....	1,230	15	61.4	- 0.5	89	6	25	11 [†]	46	4.98	+ 1.45	1.50	0	11	9	15	7	w.	J. M. Mallow.
<i>Maryland.</i>																				
Annapolis.....	Anne Arundel.....	45	41	66.0	+ 2.1	88	3 [†]	39	11 [†]	42	3.87	- 0.52	2.00	0	7	11	3	17	nw.	U. S. Naval Academy.
Baltimore.....	Baltimore.....	115	43	64.9	+ 0.7															

TABLE I.—Climatological data for May, 1913. District No. 1—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Maryland—Continued.																				
State Sanatorium.....	Frederick.....	1,460	6	63.0	— 0.9	91	3†	33	12	40	2.66	— 0.65	0.88	0	11	18	8	5	e.	Superintendent.
Sudlersville.....	Queen Anne's.....	65	15	63.2	— 0.1	90	3	35	11	40	4.38	+ 1.11	2.35	0	10	8	18	5	.....	Henry L. Higman.
Takoma Park.....	Montgomery.....	320	15	62.6	— 6.6	92	3	30	11	39	2.99	.....	1.30	0	10	15	6	10	se.	L. M. Mooers.
Towson.....	Baltimore.....	465	5	62.6	— 1.6	87	3	28	11	38	3.78	+ 0.34	2.03	0	8	18	6	7	.....	C. W. E. Treadwell.
Van Bibber.....	Harford.....	100	16	61.3	— 0.6	91	2	30	12	47	7.94	+ 3.82	1.75	0	12	20	4	7	.....	W. Benj. Ford.
Westernport.....	Allegany.....	1,000	19	61.4	+ 0.8	90d	3	29d	12	39d	3.46	+ 2.07	1.25	0	7	17d	2d	8d	w.	Prof. O. H. Bruce.
Westminster.....	Carroll.....	860	20	62.2d	+ 0.8	90d	3	29d	12	39d	3.46	+ 2.07	1.25	0	7	17d	2d	8d	w.	Prof. G. F. Morelock.
Woodstock.....	Baltimore.....	382	43	65.6	+ 2.7	89	3†	36	12	32	2.87	+ 1.00	0.78	0	9	21	2	8	w.	Rev. J. F. Dawson, S. J.
Delaware.																				
Delaware City.....	Newcastle.....	10	6	63.3	.....	88	3†	34	11	34	4.75	+ 1.86	1.26	0	7	24	2	5	s.	H. Morton Price.
Dover.....	Kent.....	40	25	63.4	— 0.2	93	4	33	11	40	4.68	+ 1.02	1.85	0	10	12	14	5	nw.	W. C. Josting.
Milford.....	do.....	20	29	64.4	+ 1.5	91	3†	33	11	38	4.74	+ 0.79	3.04	0	8	17	11	3	nw.	C. J. Holkmueller.
Millsboro.....	Sussex.....	20	21	63.4	+ 0.4	88	4	34	12	35	3.18	— 0.63	1.05	0	5	20	4	7	ne.	Rev. L. W. Wells.
Seaford.....	do.....	40	22	64.0	+ 0.7	91	4	32	12	40	3.38	+ 0.82	1.80	0	8	19	8	4	s.	E. B. Brown.
Wilmington.....	Newcastle.....	86	2	64.2a	.....	90*	3	37a	11	32a	5.78	+ 2.49	1.30	0	9	20	7	4	nw.	A. J. Taylor.
District of Columbia.																				
Washington.....	Dist. of Columbia.....	112	43	64.4	+ 0.2	90	4	37	12	36	4.55	+ 0.72	2.49	0	11	11	8	12	nw.	U. S. Weather Bureau.
Virginia.																				
Culpeper.....	Culpeper.....	450	5	64.0	.....	90	2	32	12	48	6.05	.....	4.00	0	7	14	14	3	nw.	Col. H. C. Burrows.
Dale Enterprise.....	Rockingham.....	1,350	34	62.6	— 0.3	89	3	27	12	46	4.46	— 0.06	1.92	0	10	10	10	11	s.	Rev. L. J. Heatwole.
Eastville.....	Northampton.....	15	3	65.8	+ 0.4	88	3	34	12	35	6.27	+ 2.37	1.55	0	12	14	15	2	sw.	T. B. Robertson.
Fredericksburg.....	Spotsylvania.....	100	24	65.0	— 0.1	90	4	34	11†	43	4.03	— 0.13	1.86	0	10	20	6	5	nw.	S. G. Howison.
Lincoln.....	Loudoun.....	500	12	61.8	— 2.6	92	4†	29	12	41	5.29	+ 1.85	1.65	0	8	14	8	9	n.	Dr. Geo. Roberts.
Mount Weather.....	do.....	1,726	9	59.8	+ 0.3	83	4	31	11	26	4.62	+ 0.87	1.36	0	10	11	10	12	nw.	U. S. Weather Bureau.
Quantico.....	Prince William.....	16	16	64.5	+ 0.7	89	3†	30	11	44	8.48	.....	4.97	0	8	22	5	4	ne.	Rich., Folksdg. & Pot. R. R.
Staunton.....	Augusta.....	1,380	21	63.9	+ 0.6	90	5	31	11†	43	3.58	— 0.34	1.52	0	13	7	11	13	ne.	Ernest Nothnagel.
Swetham.....	Fairfax.....	300	1	.....	.....	.....	.....	.....	.....	4.47	.....	1.73	0	8	18	3	9	se.	Potomac Electric Power Co.	
Warsaw.....	Richmond.....	160	21	65.8	+ 0.4	91	3	30	12	40	3.79	+ 0.13	1.60	0	10	12	16	3	n.	C. H. Constable.
Winchester.....	Frederick.....	717	2	62.5	.....	90	5	34	7†	47	4.79	.....	1.04	0	9	14	10	7	w.	Bentley Kern.
Woodstock.....	Shenandoah.....	927	17	63.6	— 0.1	90	3†	30	12	46	4.23	— 0.49	1.33	0	11	9	15	7	w.	Mrs. A. G. Artz.

*, b, *, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

** Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for May, 1913. District No. 1, North Atlantic States.*

TABLE 2.—*Daily precipitation for May, 1913. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for May, 1913. District No. 1—Continued.*

TABLE 2.—*Daily precipitation for May, 1913. District No. 1—Continued.*

* Precipitation included in that of the next measurement.

[†] Precipitation for the 24 hours ending

11 Precipitation for the 24 hours ending on the morning when it is measured.
12 Precipitation is less than 0.01 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures for May, 1913. District No. 1, North Atlantic States.

Date.	Maine.												Massachusetts.								Providence, R. I.		Connecticut.					
	Eastport.		Greenville.		Orono.		Portland.		Presque Isle.		Rumford Falls.		Concord, N. H.		Amherst.		Boston.		Middleboro.		Nantucket.				Cream Hill.		Hartford.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	45	32	62	32	62	32	62	39	62	28	70	34	71	35	74	33	57	44	65	32	53	40	70	42	69	40	74	42
2....	55	33	77	34	69	32	56	40	62	29	78	40	87	38	88	44	66	46	70	34	58	40	56	45	82	54	88	50
3....	70	42	70	48	76	45	63	43	64	33	86	48	88	45	89	53	77	50	82	41	69	46	86	48	84	59	90	61
4....	51	39	67	40	76	40	50	42	68	45	68	46	67	45	76	54	53	48	73	47	59	44	67	48	70	51	74	55
5....	56	40	78	36	66	37	56	42	80	45	75	42	82	45	76	56	78	48	71	37	63	45	60	47	74	51	72	55
6....	58	41	83	42	78	40	64	44	87	48	83	47	86	46	87	52	77	53	74	47	62	45	65	50	84	62	86	52
7....	48	42	60	44	79	46	61	48	87	46	64	46	69	46	71	50	70	52	70	52	65	50	71	52	67	53	70	52
8....	55	38	53	30	70	33	56	40	57	29	60	34	64	39	68	38	56	47	58	38	52	42	62	45	65	43	66	44
9....	45	38	50	35	61	35	59	46	50	33	58	40	63	44	62	46	64	47	58	38	54	42	59	44	59	40	62	47
10....	42	34	40	28	55	35	48	39	45	30	40	36	45	37	49	32	50	39	57	34	51	39	48	36	42	31	49	36
11....	47	36	46	30	48	32	51	38	45	32	51	35	52	35	56	30	55	37	56	31	52	39	54	34	51	27	55	34
12....	55	39	56	34	61	32	61	39	57	30	60	33	62	29	65	31	64	42	60	31	56	45	62	40	61	31	63	41
13....	53	38	63	29	68	29	62	40	64	26	65	32	66	33	68	42	68	48	63	35	59	44	64	45	58	40	66	45
14....	51	35	52	38	66	47	63	47	63	38	56	42	63	41	69	46	71	49	68	48	70	50	65	45	68	50	70	50
15....	53	30	49	30	61	27	53	40	47	25	57	31	63	37	61	34	65	44	65	30	55	47	58	53	66	43	62	41
16....	48	33	53	30	58	26	46	38	59	22	42	36	53	38	51	43	55	41	53	43	61	45	52	42	63	42	52	45
17....	50	34	61	30	63	32	47	37	51	25	58	40	59	39	56	42	50	41	59	41	52	44	57	41	52	38	55	43
18....	48	36	49	33	55	28	51	39	50	35	53	36	53	41	60	46	52	46	63	39	54	44	63	44	58	42	66	47
19....	59	40	52	34	61	36	61	40	40	32	56	42	60	36	60	44	66	51	66	47	62	60	64	50	60	38	63	50
20....	57	42	48	38	62	42	61	46	40	32	56	43	64	43	67	37	68	47	66	36	62	48	65	45	65	44	67	45
21....	57	39	62	33	65	33	59	46	.....	68	35	66	37	65	37	62	51	70	36	64	49	67	46	62	41	69	45	
22....	48	40	54	41	65	45	50	45	.....	32	52	48	52	47	57	49	57	50	67	48	60	49	64	61	44	61	50	
23....	47	40	60	41	56	44	55	44	.....	42	64	48	62	48	64	54	59	48	65	52	60	55	55	62	53	66	58	
24....	49	43	57	45	59	49	59	46	.....	40	57	42	60	49	64	55	58	52	60	59	51	62	49	53	50	62	56	
25....	55	40	62	45	63	44	57	46	.....	41	65	50	50	47	70	50	62	48	72	49	57	50	70	52	64	53		
26....	45	42	57	43	64	46	60	45	.....	64	45	60	44	65	43	70	41	62	50	68	43	60	46	66	48	63	47	
27....	55	43	61	32	59	41	46	46	.....	64	36	60	39	56	40	56	46	58	48	64	37	53	46	65	47	61	50	
28....	51	44	51	41	57	44	50	43	.....	62	46	54	46	54	49	54	49	52	46	56	45	57	46	53	46	59	49	
29....	52	45	52	46	60	51	60	49	.....	57	50	58	50	61	50	62	49	65	51	66	49	60	50	65	62	66	50	
30....	60	46	56	44	60	47	67	50	.....	55	44	64	49	72	49	74	46	75	51	72	47	63	52	72	50	70	42	
31....	61	44	65	40	65	39	72	51	.....	58	37	66	50	73	43	76	44	76	56	78	40	50	57	73	47	76	51	
Mns..	52.5	39.0	58.3	37.0	63.5	38.0	57.0	43.1	60.8d	36.5*	61.5	41.8	64.8	41.6	66.6	44.3	62.8	47.5	65.7	41.2	59.3	46.2	63.8	46.5	64.2	44.0	67.1	48.2
Date.	New Haven, Conn.												New York.								Pennsylvania.				Atlantic City, N. J.			
	Addison.		Albany.		Binghamton.		Indian Lake.		Little Falls.		New York.		Everett.		Harrisburg.		Philadelphia.		Scranton.		State College.		Wellsboro.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	74	46	80	33	74	43	75	36	71	30	70	39	76	46	77	38	78	47	78	50	76	41	78	44	79	33	75	44
2....	86	50	85	45	86	55	81	48	80	45	79	54	87	66	83	42	88	64	83	55	83	57	84	37	85	57	82	
3....	90	52	91	41	89	54	86	48	83	39	84	56	88	68	88	42	88	66	89	55	86	52	87	39	89	57	92	
4....	70	54	91	47	84	55	88	52	85	35	90	54	76	58	89	47	89	59	90	58	87	55	89	45	76	54		
5....	65	52	89	53	79	60	84	61	86	47	85	53	69	54	88	48	78	56	86	57	86	61	84	55	86	54		
6....	72	52	85	50	84	62	85	55	82	42	81	60	81	60	85	53	83	61	87	60	84	59	82	51	85	55		
7....	72	54	65	44	65	50	56	42	75	45	63	52	71	54	67	55	68	53	72	56	62	46	68	61	70	56		
8....	66	46	70	31	64	42	65	33	62	23	63	32	64	51	66	50	68	47	68	50	69	40	68	35	69	30	57	
9....	62	48	65	43	62	45	58	38	59	42	56	44	65	49	65	49	67	52	64	46	57	45	63	46	59	43		
10....	51	36	50	30	48	37	40	34	61	17	55	32	60	51	66	48	64	49	70	52	62	40	69	42	59	37	59	
11....	56	35	60	25	56	34	47	32	48	26	50	34	55	36	55	28	57	38	56	39	50	34	53	32	52	29	57	
12....	65	42	67	26	66	35	60	30	61	20	62	33	65	42	65	27	64	39	65	43	61	33	63	34	64	25	60	
13....	64	47	74	44	67	45	70	46	60	31	58																	

TABLE 3.—*Maximum and minimum temperatures for May, 1913. District No. 1—Continued.*

Date.	New Jersey.								Martinsburg, W. Va.	Maryland.								Millsboro, Del.	Washington, D. C.	Virginia.									
	Bridgeton.		Phillipsburg.		Sussex.		Trenton.			Baltimore.		Darling-ton.		Frederick.		Western-port.					Fredericksburg.		Staunton.		Woodstock.				
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	79	40	79	41	76	42	77	46	89	45	79	49	77	41	80	38	82	39	70	42	80	44	79	44	81	39	82	39	
2....	88	53	88	55	87	59	87	59	93	42	88	65	86	55	89	46	91	44	82	53	87	52	87	44	88	46	89	43	
3....	91	51	91	54	88	51	90	63	95	50	91	62	89	52	92	49	90	46	87	52	90	55	88	51	89	48	90	46	
4....	91	54	84	53	88	51	79	54	95	54	89	62	89	54	92	51	90	51	88	56	90	55	90	52	89	51	90	50	
5....	80	54	79	57	78	58	78	53	90	56	75	55	78	52	87	53	90	50	81	52	86	55	87	52	90	47	89	49	
6....	89	54	90	55	87	55	88	60	85	57	85	60	84	52	86	55	81	58	84	55	84	54	86	53	81	58	85	56	
7....	72	58	84	54	70	52	71	54	74	59	73	58	77	56	77	58	76	56	70	60	72	54	79	58	63	56	76	59	
8....	73	46	63	50	69	38	68	48	77	44	69	50	69	45	73	42	78	38	64	51	73	46	71	47	73	40	75	37	
9....	77	45	66	45	63	47	67	48	79	46	76	53	71	46	77	47	73	43	75	54	76	54	76	51	80	46	79	45	
10....	64	44	62	38	56	36	53	38	59	41	63	43	64	41	65	43	61	36	64	48	60	42	72	58	67	45	69	43	
11....	60	33	56	34	56	32	56	34	61	37	58	40	58	31	61	34	62	31	58	38	60	34	65	31	63	35	63	35	
12....	69	33	68	33	65	32	64	33	70	33	66	44	66	33	67	30	70	30	65	34	68	37	67	34	70	31	70	30	
13....	75	47	75	46	71	42	71	50	81	36	82	50	76	46	83	45	82	40	79	45	82	50	83	44	79	40	79	42	
14....	70	53	73	52	71	49	72	55	63	50	67	57	74	52	74	54	71	50	66	54	63	55	77	54	72	56	66	52	
15....	77	46	68	42	63	40	69	48	72	52	70	55	72	47	74	51	63	53	75	48	75	53	77	51	79	50	78	52	
16....	85	57	83	51	82	50	81	52	85	52	82	59	84	59	84	55	77	53	84	62	80	60	81	57	78	59	78	56	
17....	63	51	74	49	70	48	53	47	61	60	66	52	63	50	70	55	66	57	65	54	69	58	66	59	67	57	67	57	
18....	75	48	73	46	70	46	69	46	80	51	70	52	71	47	78	51	80	55	70	51	77	52	77	53	81	55	81	54	
19....	74	52	70	50	66	48	68	53	77	51	73	58	71	51	74	52	72	45	71	56	72	55	74	57	79	51	76	49	
20....	70	43	69	39	72	35	68	45	72	46	67	55	69	42	70	46	74	42	65	50	70	53	71	56	76	51	72	49	
21....	66	49	63	42	64	37	62	49	71	50	71	55	64	48	77	50	68	50	77	54	77	54	84	55	86	56	80	52	
22....	84	58	75	53	68	66	79	54	81	54	82	63	77	57	84	63	70	60	80	65	82	65	83	65	79	65	79	61	
23....	81	69	73	59	66	59	59	57	61	61	75	60	75	58	69	61	65	55	83	66	76	59	78	63	70	62	75	59	
24....	75	57	67	55	65	54	65	55	70	54	70	58	67	54	70	55	62	52	73	59	68	56	66	55	66	52	66	54	
25....	78	49	74	46	70	45	73	51	80	47	76	54	75	50	78	48	74	44	72	52	77	53	74	50	73	43	77	45	
26....	75	55	73	49	72	45	71	53	79	53	72	59	71	51	74	54	76	49	69	56	73	60	75	55	77	55	77	55	
27....	76	52	69	51	62	50	68	53	68	58	72	60	73	55	70	58	63	56	74	58	71	63	69	62	65	58	67	60	
28....	66	57	58	49	54	49	56	51	78	59	67	58	66	57	71	59	73	55	70	58	69	57	69	58	75	56	72	58	
29....	78	48	70	48	66	48	70	52	77	50	78	57	75	51	80	52	76	46	74	52	77	55	78	54	77	52	77	49	
30....	78	45	77	45	75	46	73	50	77	55	73	57	70	45	73	50	77	58	77	48	75	57	80	58	83	60	81	59	
31....	82	51	80	45	77	45	80	55	82	52	81	58	80	51	82	51	81	54	77	59	80	58	79	59	89	61	81	60	
Mean.	73.4	50.1	73.4	47.9	70.5	46.6	71.0	50.7	76.8	50.2	74.4	55.4	73.4	49.3	76.8	50.2	74.6	48.3	73.8	53.0	75.3	53.4	77.0	53.1	76.9	50.9	77.0	50.2	

•, †, ‡, etc., indicate respectively 1, 2, 3, etc., days missing from the record.

§§ Instruments are read in the morning, the maximum temperature then read is charged to the preceding day, on which it almost always occurs.